




CSMSS
Chhatrapati Shahu Maharaj Shikshan Sanstha's
CHH. SHAHU COLLEGE OF ENGINEERING
Kanchanwadi, Paithan Road, Chhatrapati Sambhajnagar 431 011
Ph. No. : (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222
Website: www.csmssengg.org



Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). **DTE Code: 2533**

Details of Science & Humanities (First Year Engineering) departmental laboratories

Lab 01:	ENGINEERING CHEMISTRY	Lab No: B303	Area: 88.40 sq.m.
Lab Incharge:	Prof. S.V. Pagey		
Laboratory Resources:	1. 2 Magnetic Stirrer: CSMSS/ENGG/13/CHY/MGS-01, 02 2. 3 Laptops: Mac book, M1 chip, 8 core CPU, 7 core GPU 3. 2 Electronic Balance: CSMSS/ENGG/13/CHY/ELWM-01, 02 4. 2 Digital pH Meter: CSMSS/ENGG/13/CHY/DPHM-01, 02 5. 2 Conductivity Bridge: CSMSS/ENGG/13/CHY/COND-01, 02. 6. 1 Red wood Viscometer: CSMSS/ENGG/13/CHY/RED-01 7. 1 Muffle Furnace: CSMSS/ENGG/13/CHY/MF-01		
Utilization of Laboratory:	For conducting practicals of Engineering Chemistry		




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Lab 02:	Engineering Physics	Lab No: A310	Area: 71.58 sq.m.
Lab Incharge:	Dr. R. B. Aurade		
Laboratory Resources:	1. 2 I-V Characteristic Diodes: CSMSS/ENGG/13/PHY/PNT-01, 02 2. 2 Transistor Characteristics: CSMSS/ENGG/13/PHY/TN-01, 02 3. 2 e/m Bar Magnet Apparatus: CSMSS/ENGG/13/PHY/EMT-01, 02 4. 2 Polarimeter apparatus with polarimeter tube: CSMSS/ENGG/13/PHY/POI-01, 02 5. 2 Energy gap of a semiconductor: CSMSS/ENGG/13/PHY/EBG-01, 02 6. 2 Digital Multimeter: CSMSS/ENGG/13/PHY/DM-01,02 7. 3 Sodium Vapor Lamp: CSMSS/ENGG/13/PHY/SVL-01, 02, 03 8. 4 Magnifier 50mm diameter: CSMSS/ENGG/13/PHY/MGF-01, 02, 03, 04. 9. 2 Table Lamp: CSMSS/ENGG/13/PHY/TL-01. 02. 10. 3 Screw Gauge: CSMSS/ENGG/13/PHY/SCW-01, 02, 03 11. 3 Vernier Calliper: CSMSS/ENGG/13/PHY/VC-01, 02, 03 12. 2 Magnet: CSMSS/ENGG/13/PHY/MGT-01, 02 13. 8 Beaker 250 ml: CSMSS/ENGG/13/PHY/BK-01, 02, 03, 04, 05, 06, 07, 08. 14. 2 Telescope measurement of resolving power: CSMSS/ENGG/13/PHY/RP-01, 02. 15. 2 Travelling Microscope:		



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	<p>CSMSS/ENGG/13/PHY/TMR-01, 02 16. 2 Meter Scale: CSMSS/ENGG/13/PHY/MTS-01, 02 17. 2 Thermometer (0 to 100 °C): CSMSS/ENGG/13/PHY/TH-01, 02 18. 2 Newton's ring apparatus set: CSMSS/ENGG/13/PHY/NR-01, 02 19. 1 Soldering gun: CSMSS/ENGG/13/PHY/SOLC-01 20. 4 Diffraction grating: CSMSS/ENGG/13/PHY/DG-01, 02, 03, 04. 21. 3 Wire Guage: CSMSS/ENGG/13/PHY/WRG-01, 02, 03. 22. 2 Telescope Slit: CSMSS/ENGG/13/PHY/TS-01, 02. 23. 1 Dual channel CRO 30 Mhz: CSMSS/ENGG/13/PHY/CRC-02 24. 1 Function Generator: CSMSS/ENGG/13/PHY/FG-02 25. 2 Magnetron tube for determination of E/M of Electron: CSMSS/ENGG/13/PHY/E/M-01, 02 26. 2 Four Probe Method: CSMSS/ENGG/13/PHY/FPM-01, 02. 27. 2 Ultrasonic Interferometer: CSMSS/ENGG/13/PHY/FPM-03, 04 28. 2 Fibre optics trainer with power: CSMSS/ENGG/13/PHY/FO-01, 02. 29. 2 Wedge plate for determination: CSMSS/ENGG/13/PHY/WP-01, 02</p>	
Utilization of Laboratory:	For conducting practicals of Engineering Physics	



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Lab 03:	Communication Skills	Lab No: A305	Area: 72.59 sq.m.
Lab Incharge:	Prof. P. A. Jadhav		
Laboratory Resources:	PC-INTEL Dual Core, 2.30GHZ, 2GB RAM, 500 GB HDD with 18.5" LCD Monitor, USB Mouse, USB Keyboard Digital Language Lab Software (AL,CL,EL) Modules for 30+1 Users Digital Smart Board Circle Headphones EPSON Dot Matrix Printer Sony LCD Projector I Ball 2.1 Speaker (Home Theatre) LCD Projector Wall Mounting Kit Projector Cable 20 Mtr. D-link 24 Port Switch D-link 8 Port Switch D-link 24 Port Patch Panel		
Utilization of Laboratory:	For conducting practicals of Communication Skills		



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Lab 04:	Engineering Mechanics	Lab No: B 313	Area: 74.24 sq.m.
Lab Incharge:	Prof. T.A. Ahmed		
Laboratory Resources:	Simple Screw Jack, Worm and Worm Wheel apparatus, Differential Axle & Wheel, Moment of Inertia of Fly Wheel, Parallel Force Apparatus, Lami's Theorem, Jib Crane Apparatus, Belt Friction, Beam Reaction Apparatus, Universal Force Table, Weight 1 kg, 2 Kg, 5Kg and 10Kg, Weight Box Superior (1 to 200 gram), Polygon Law of Coplanar Forces, Bell Crank Lever, Compound Pendulum, Incline Plane, Collision of Elastic Bodies, Centroid of Bodies		
Utilization of Laboratory:	For conducting practical's of Engineering Mechanics.		